

7-26-12

FORMS OF #s

Expanded Form - write each digit in its place value, then add

Ex: $21.604 = 20 + 1 + 0.6 + 0.04$

Standard Form - basic # form

Ex: 64.3

Word Form - #s are spelled in words (correctly)
- "and" is spelled out for the dec. pt.
ONLY
- use - (dash/hyphen) between the tens and the ones

• Ex: 5,125 = five and one hundred twenty-five thousandths

Factor Form - writing the #s that are multiplied

Ex: $25 = 5 \times 5$

Exponential Form - using exponents

Ex: $5 \times 5 = 5^2$

COMPARING & ORDERING DECIMALS

1st compare whole #s.

If same whole #s, compare tenths.

Keep comparing the same place values until the #s are different.

* * Add zeroes at the end if needed for comparing.

Ex: 16.1, 1.61, 1.6, 1.3999

Least to Greatest:

$$1.3999 < 1.6 < 1.61 < 16.1$$

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